



InnaIT^{Key} SPECIFICATION

PK12XX-DSC



OVERVIEW

InnaITKey DSC is India's first Atmanirbhar (Make in India) USB token for storing digital certificates. It uses no components from border sharing countries. It is compliant with Controller of Certifying Authority (CCA) guidelines and you can store digital certificates issued by any Certifying Authority (CA).

HIGHLIGHTS

Device authenticity verified using PKI as opposed to using serial number, VID or PID

Password setting is in the hands of the user and not preset by issuer

Activation by BOTS is prevented

Secured FIPS 140-2 module with high-end controller

SPECIFICATION

Category	Nominal Value
1 GENERAL SPECIFICATION	
a Operating Temperature	0°C to 85°C
b Operating Voltage	5V DC, 22mA
c Connectivity	USB Type-A 2.0
d Indication	Single colour LED
e ESD	IEC61000-4-2 Air Discharge +/- 25KV
f Compliance	FIPS 140-2, BIS, FCC, CE
2 DIGITAL SIGNATURE CERTIFICATE MODULE	
a FIPS 140-2 certified - Infineon SLB9672 FW16	
b RSA (2048, 3072 and 4096 bit), ECC (NIST P256, NIST P384)	
c SHA-1, SHA-256	
3 MICRO CONTROLLER	
a Controller	Infineon SLE78
b CPU	Self-checking dual CPU with Integrity Guard™
c Certifications	Common Criteria EAL 6+ (high) EMVCo
4 TOUCH SENSOR (OPTIONAL)	
a Sensitivity	25 PF
b Response time	60ms
5 MECHANICAL	
a Device Dimension	H 49.00mm, W 18.6mm, T 11.10mm
b Material type	ABS
c Device Weight	7.46g (w/o package)

*Subject to change



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